

### **ABSTRACT OF THE DISCLOSURE**

Pharmaceutical and/or dietary compositions for supplying energy and eutrophication factors to the large intestine to improve its functionality and prevent the appearance of pathological conditions are described. The pharmaceutical and/or dietary compositions described are composed of one or more short-chain monocarboxylic acids or their salts, esters and/or amides, mixed with one or more soluble dietary fibres or complex sugars. These compositions are formulated by known techniques suitable for transporting the active ingredients into the colonic section of the intestine.